



## Course syllabus

Faculty Board of Health, Social Work and Behavioral Sciences  
School of Health and Caring Sciences

1MC605 Människans anatomi och fysiologi II, 7,5 högskolepoäng  
Human Anatomy and Physiology II, 7.5 credits

**Main field of study**

Medical Science

**Subject Group**

Medicine

**Level of classification**

First Level

**Progression**

GIN

**Date of Ratification**

Approved by the Board of the School of Health and Caring Sciences 2011-06-15

The course syllabus is valid from autumn semester 2011

**Prerequisites**

General entry requirements and Civics A, Mathematics B and Science studies B (Field-specific entry requirements 16).

### Expected learning outcomes

On completion of the course, students should be able to:

- describe the anatomical structure of the human body
- describe the human body on the basis of a fundamental physiological perspective
- account for the human body from a holistic perspective
- communicate medical concepts

### Content

The human body as an anatomical and physiological whole in its environment with focus on the following aspects;

- the circulatory system
- the respiratory system
- the digestive system including metabolism
- the excretory system
- fluid, electrolyte and acid-base balance
- reproduction and sexuality

### Type of Instruction

Teaching is in the form of:

- individual work
- group work
- lectures
- seminars
- laboratory work

Teaching will be carried out to some extent via LMS (Learning Management System). The course contains training elements for developing skills, abilities and attitudes. Obligatory elements are specified in the course schedule.

### Examination

The course is assessed with the grades Fail (U), Pass (G) or Pass with Distinction (VG).

The course is examined with individual written examinations and seminars. In order to receive the grade of pass, all expected learning outcomes must be achieved. Students at Linnaeus University can, at request, receive their grades in ECTS credits, according to the ECTS-scale. This re-quest should be made at the introduction of the course. A resit examination is offered according to local rules for examinations on first-level and advanced level at Linnaeus University (Dnr: HL/2009-0283).

### Course Evaluation

A written evaluation is carried out and compiled in a report, which is archived at the institution. The results, along with possible measures taken, are reported to the students the next time the course is given.

### Required Reading and Additional Study Material

Henriksson E. & Lennemark I. *Värt att veta om vätskebalans*. Uppsala: Fresenius Kabi AB, latest edition

Johansson U. *Näring och hälsa*. Lund: Studentlitteratur, latest edition

Saladin K.S. *Human Anatomy*. New York: McGraw-Hill, latest edition. 1)

Sand O., Sjastaad Q.V. & Haug, E. *Människans fysiologi*. Stockholm: Liber, latest edition. 2)

Sonesson B. & Sonesson G. *Anatomi och fysiologi*. Stockholm: Liber, latest edition. 1)

Tortora, G.J. & Derrickson, B.H. *Principles of Anatomy and Physiology*. New York: John Wiley & Sons Inc, latest edition. 2)

- 1) You can choose one of the two above mentioned books on anatomy.
- 2) You can choose one of the two above mentioned books on physiology.

Also included are scientific articles.